

## Dyn ATM program with DSS.pdf

Reference	SSM66257
Models	Range Rover (All New) / L405
Title	L405 Deployable Side Steps - Not Working in Automatic Program`s
Category	Accessories
Last modified	13-Jun-2013 00:00:00
Symptom	Electrical Accessories
Content	<p><u>Issue:</u></p> <p>Customers reporting that the Deployable Side Steps are failing to deploy.</p> <p><u>Cause:</u></p> <p>If a customer is driving in Automatic Terrain Response Program's then under certain road conditions the vehicle will seamlessly switch between any of the 5 operational modes without notifying the customer. This feature is to give the customer the most enhanced driving experience possible.</p> <p>The Deployable Side Step system is designed to not function in the following 3 Terrain Programs.</p> <ul style="list-style-type: none"> <li>- MUD - RUTS</li> <li>- SAND</li> <li>- ROCK CRAWL</li> </ul> <p>As a consequence if the vehicle automatically enters into one of these 3 modes then the Deployable Side Step System will not deploy by design.</p> <p><u>Action:</u></p> <p>If a customer reports that their Side Steps are failing to deploy with the vehicle in Automatic Terrain Response Program's then the attached documentation can be given. This details the interaction of the Automatic Terrain Response Program and the Deployable Side Step system and highlights the reason for non-deployment.</p> <p>It also details a method of deactivating the Automatic Terrain Response Program feature which will allow the General Program (Special Program's Off) or GRASS / GRAVEL / SNOW Program to be selected. This will then allow the Deployable Side Steps to deploy as intended.</p>

## STEP INHIBIT IN AUTOMATIC PROGRAMS



When operating the vehicle in Automatic ("AUTO") program, the vehicle will determine and apply the appropriate program for driving style and surfaces. This optimised selection will be made without the specific program information displayed to the driver.

**Should the vehicle Terrain program automatically change to any of the following;**

- MUD-RUTS
- SAND
- ROCK CRAWL

**The steps will not deploy regardless of door state, this is designed to protect the DSS system from damage.**

In AUTO TR program, the DSS system will remain inoperative until either

- AUTO program is deactivate and GENERAL PROGRAM (SPECIAL PROGRAMS OFF) or GRASS/GRAVEL/SNOW program is selected, or
- The vehicle determines that GENERAL PROGRAM (SPECIAL PROGRAMS OFF) or GRASS/GRAVEL/SNOW program is suitable for the current driving style and conditions.

**⚠ NOTE: Care must always be taken when overriding AUTO program or any TERRAIN RESPONSE programs to ensure that side steps can be deployed safely.**



## DISENGAGE AUTOMATIC PROGRAMS TO ENABLE DSS



To disengage Automatic ("AUTO") programs, the rotary selector needs to be raised to the elevated position.

If the selector is in Automatic programs, press the selector to engage manual modes. The rotary dial will rise allowing the selection of 5 Terrain Response programs

Selection of the following programs will allow the steps to function;

-  GENERAL PROGRAM
- or
-  GRASS/GRAVEL/SNOW